Name of Work: Restoration and Improvements of roads at Hesaraghatta main road, G Ramaiah layout, Sai Archade layout, Vijaya Bank Layout, Adityanagara Phase-02 and surrounding areas in Ward No.03 of Yelahanka New town Sub Division (Package No-09), BBMP, Bangalore.

EMB

MEASUREMENT BOOK

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 02.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dress							
	For RCC Drain							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	1	25.80	1.00	1.00	25.80	
	25.80	31.00	1	5.20	1.00	1.00	5.20	
	31.00	69.60	1	38.60	1.00	1.00	38.60	
	69.60	79.00	1	9.40	1.00	1.00	9.40	
	79.00	109.00	1	30.00	1.00	1.00	30.00	
	109.00	139.00	1	30.00	1.00	1.00	30.00	
	139.00	147.00	1	8.00	1.00	1.00	8.00	
	[illegible]	177.00	1	30.00	1.00	1.00	30.00	
	[illegible]	184.00	1	7.00	1.00	1.00	7.00	
	184.00	214.00	1	30.00	1.00	1.00	30.00	
	214.00	244.00	1	30.00	1.00	1.00	30.00	
	244.00	274.00	1	30.00	1.00	1.00	30.00	
	274.00	280.00	1	6.00	1.00	1.00	6.00	
	Total Quantity Work Done					**280.00**	**Cum**	
	Quantity Payable in this Bill Done					**278.31**	**191.64**	**53335.33**

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement 02.06.2022 to 04.06.2022

Third and Final

Pre-Measurement Sheet

Item No -	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
2	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (P.No.140 I.No.18.47)										
For CC Road											
Doddabettahalli Main Road											
1st Cross Road											
From Main Road	0.00	15.00	1	15.00	4.60	4.70	4.65	0.20	13.95		
	15.00	30.00	1	15.00	4.70	5.80	5.25	0.20	15.75		
	30.00	33.80	1	3.80	5.80	6.50	6.15	0.20	4.67		
Anjaneya Temple Front											
From 1st Cross Road	0.00	3.50	1	3.50	3.50	3.50	3.50	0.20	2.45		
	0.00	9.50	1	9.50	4.10	4.10	4.10	0.20	7.79		
Deduction Steps			-1	2.60	1.20	1.20	1.20	0.20	-0.62		
Ganesh Temple (Left Side)											
From Cross Road RHS	0.00	17.50	1	7.90	6.00	7.00	6.50	0.20	10.27		
Ganesh Temple (Front Side)											
From Side Road	0.00	3.50	1	3.50	2.20	3.10	2.65	0.20	1.86		
	3.50	21.60	1	18.10	7.50	4.20	5.85	0.20	21.18		
Basavanna Temple Front											
From Ganesh Temple Front	0.00	10.30	1	10.30	8.00	5.00	6.50	0.20	13.39		
Straight Road (Building Front)											
	0.00	3.30	1	3.30	4.50	7.00	5.75	0.20	3.80		
	0.00	7.70	1	7.70	5.20	3.30	4.25	0.20	6.55		
	0.00	3.80	1	3.80	5.00	3.10	4.05	0.20	3.08		
	0.00	5.30	1	5.30	4.60	1.60	3.10	0.20	3.29		
	0.00	21.00	1	21.00	2.10	0.60	1.35	0.20	5.67		
	0.00	10.70	1	10.70	0.45	3.50	1.98	0.20	4.23		
Cross Road (Building Side)											
	0.00	6.00	1	6.00	2.90	2.50	2.70	0.20	3.24		
2nd Cross Road (Behind Govt School)											
From Main Road	0.00	4.50	1	4.50	4.90	4.90	4.90	0.20	4.41		
	4.50	19.50	1	15.00	5.20	3.40	4.30	0.20	12.90		
	19.50	31.00	1	11.50	3.40	3.40	3.40	0.20	7.82		
	31.00	39.00	1	8.00	3.40	4.20	3.80	0.20	6.08		
	39.00	53.00	1	14.00	4.20	6.00	5.10	0.20	14.28		
2nd Cross (BeSide Govt School)											
From Cross End Road	0.00	15.00	1	15.00	3.30	3.00	3.15	0.20	9.45		
	15.00	32.00	1	17.00	3.00	4.00	3.50	0.20	11.90		
3rd Cross Road											
From Main	0.00	15.00	1	15.00	6.60	5.70	6.15	0.20	18.45		

Item No :-	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
Road (school front)	15.00	30.00	1	15.00	5.70	6.60	6.15	0.20	18.45		
	30.00	34.00	1	4.00	6.60	6.60	6.60	0.20	5.28		
	Connecting Dead End (3rd Cross Road)										
From 3rd Cross	0.00	15.00	1	15.00	8.00	8.50	8.25	0.20	24.75		
	15.00	30.00	1	15.00	8.50	9.00	8.75	0.20	26.25		
	30.00	45.00	1	15.00	9.00	8.80	8.90	0.20	26.70		
	45.00	60.00	1	15.00	8.80	6.80	7.80	0.20	23.40		
	60.00	71.50	1	11.50	6.80	7.10	6.95	0.20	15.99		
	(Adajcent to School) Road Imax Light										
1/2*(a+b+h)	1/2*(13+8.6+8.00)		1	14.80				0.20	2.96		
	Venkatesh House Road										
	0.00	12.30	1	12.30	3.30	2.80	3.05	0.20	7.50		
	0.00	1.70	1	1.70	1.60	1.60	1.60	0.20	0.54		
	(3rd Cross Road) Banuprakash House Road										
	0.00	12.00	1	12.00	3.80	4.40	4.10	0.20	9.84		
									367.47		
Deduct 40% of Void Portion (Road Cuttings, Damaged and Dilapidated Portion)									-146.99		
	Total Quantity Work Done								220.48	Cum	
	Quantity Payable in this Bill Done								203.29	962.47	195660.53

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 02.06.2022 – 8-06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
3	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical meanse including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301 (Page No.143 & Item No 19.14 SR2018-19)									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00	6.00	1	6.00	12.80	13.60	13.20	0.40	31.68	
From Arch Road Enterance	0.00	30.00	1	30.00	12.70	8.30	10.50	0.40	126.00	
	30.00	60.00	1	30.00	8.30	8.00	8.15	0.40	97.80	
	60.00	90.00	1	30.00	8.00	6.40	7.20	0.40	86.40	
	90.00	120.00	1	30.00	6.40	6.90	6.65	0.40	79.80	
Collage Front	120.00	150.00	1	30.00	6.90	7.60	7.25	0.40	87.00	
	150.00	180.00	1	30.00	7.60	9.20	8.40	0.40	100.80	
	180.00	210.00	1	30.00	9.20	9.20	9.20	0.40	110.40	
	210.00	240.00	1	30.00	9.20	10.10	9.65	0.40	115.80	
Apparatment	240.00	270.00	1	30.00	10.10	7.40	8.75	0.40	105.00	
	270.00	300.00	1	30.00	7.40	7.20	7.30	0.40	87.60	
	300.00	330.00	1	30.00	7.20	7.30	7.25	0.40	87.00	
	330.00	360.00	1	30.00	7.30	8.40	7.85	0.40	94.20	
	360.00	390.00	1	30.00	8.40	8.40	8.40	0.40	100.80	
	390.00	420.00	1	30.00	8.40	8.80	8.60	0.40	103.20	
	420.00	450.00	1	30.00	8.80	7.40	8.10	0.40	97.20	
	450.00	480.00	1	30.00	7.40	7.60	7.50	0.40	90.00	
	480.00	510.00	1	30.00	7.60	8.60	8.10	0.40	97.20	
Bike Garage	510.00	540.00	1	30.00	8.60	8.40	8.50	0.40	102.00	
	540.00	570.00	1	30.00	8.40	9.20	8.80	0.40	105.60	
	570.00	600.00	1	30.00	9.20	10.00	9.60	0.40	115.20	
	600.00	630.00	1	30.00	10.00	9.40	9.70	0.40	116.40	
	630.00	660.00	1	30.00	9.40	9.60	9.50	0.40	114.00	
	660.00	690.00	1	30.00	9.60	11.10	10.35	0.40	124.20	
Doddabettahall i Main Road	690.00	720.00	1	30.00	11.10	10.40	10.75	0.40	129.00	
	720.00	750.00	1	30.00	10.40	9.60	10.00	0.40	120.00	
	750.00	780.00	1	30.00	9.60	9.60	9.60	0.40	115.20	
	780.00	810.00	1	30.00	9.60	9.80	9.70	0.40	116.40	
	810.00	840.00	1	30.00	9.80	9.90	9.85	0.40	118.20	
	840.00	870.00	1	30.00	9.90	9.20	9.55	0.40	114.60	
	870.00	900.00	1	30.00	9.20	10.00	9.60	0.40	115.20	
	900.00	930.00	1	30.00	10.00	11.20	10.60	0.40	127.20	
	930.00	960.00	1	30.00	11.20	11.40	11.30	0.40	135.60	
Temple Front	960.00	990.00	1	30.00	11.40	11.20	11.30	0.40	135.60	
	990.00	1020.00	1	30.00	11.20	8.10	9.65	0.40	115.80	
	1020.00	1050.00	1	30.00	8.10	9.40	8.75	0.40	105.00	

Item No :-	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
	2nd Cross (BeSide Govt School)										
From Cross End Road	0.00	15.00	1	15.00	3.30	3.00	3.15	0.10	4.73		
	15.00	32.00	1	17.00	3.00	4.00	3.50	0.10	5.95		
	3rd Cross Road										
From Main Road (school front)	0.00	15.00	1	15.00	6.60	5.70	6.15	0.10	9.23		
	15.00	30.00	1	15.00	5.70	6.60	6.15	0.10	9.23		
	30.00	34.00	1	4.00	6.60	6.60	6.60	0.10	2.64		
	Connecting Dead End (3rd Cross Road)										
From 3rd Cross	0.00	15.00	1	15.00	8.00	8.50	8.25	0.10	12.38		
	15.00	30.00	1	15.00	8.50	9.00	8.75	0.10	13.13		
	30.00	45.00	1	15.00	9.00	8.80	8.90	0.10	13.35		
	45.00	60.00	1	15.00	8.80	6.80	7.80	0.10	11.70		
	60.00	71.50	1	11.50	6.80	7.10	6.95	0.10	7.99		
	(Adajcent to School) Road Imax Light										
1/2*(L+b+h)	1/2*(13+8.6+8.00)		1	14.80				0.10	1.48		
	Venkatesh House Road										
	0.00	12.30	1	12.30	3.30	2.80	3.05	0.10	3.75		
	0.00	1.70	1	1.70	1.60	1.60	1.60	0.10	0.27		
	(3rd Cross Road) Banuprakash House Road										
	0.00	12.00	1	12.00	3.80	4.40	4.10	0.10	4.92		
	Total Quantity Work Done								5504.47	Cum	
	Quantity Payable in this Bill Done								5319.70	43.89	233481.63

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 06.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.Specification No. KBS 4.1, 4.2 (Page No.13 & Item No.4.3							
	For RCC Drain							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	1	25.80	1.00	0.15	3.87	
	25.80	31.00	1	5.20	1.00	0.15	0.78	
	31.00	69.60	1	38.60	1.00	0.15	5.79	
	69.60	79.00	1	9.40	1.00	0.15	1.41	
	79.00	109.00	1	30.00	1.00	0.15	4.50	
	109.00	139.00	1	30.00	1.00	0.15	4.50	
	139.00	147.00	1	8.00	1.00	0.15	1.20	
	147.00	177.00	1	30.00	1.00	0.15	4.50	
	177.00	184.00	1	7.00	1.00	0.15	1.05	
	184.00	214.00	1	30.00	1.00	0.15	4.50	
	214.00	244.00	1	30.00	1.00	0.15	4.50	
	244.00	274.00	1	30.00	1.00	0.15	4.50	
	274.00	280.00	1	6.00	1.00	0.15	0.90	
	Total Quantity Work Done						**42.00**	**Cum**
	Quantity Payable in this Bill Done						**41.80**	**5462.20**	**228319.96**

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Measurement : 13.06.2022

Third and Final

Measurement Sheet

Item No :-	Description of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for							
	For RCC Drain Raft							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	1	25.80	0.90	0.15	3.48	
	25.80	31.00	1	5.20	0.90	0.15	0.70	
	31.00	69.60	1	38.60	0.90	0.15	5.21	
	69.60	79.00	1	9.40	0.90	0.15	1.27	
	79.00	109.00	1	30.00	0.90	0.15	4.05	
	109.00	139.00	1	30.00	0.90	0.15	4.05	
	139.00	147.00	1	8.00	0.90	0.15	1.08	
	147.00	177.00	1	30.00	0.90	0.15	4.05	
	177.00	184.00	1	7.00	0.90	0.15	0.95	
	184.00	214.00	1	30.00	0.90	0.15	4.05	
	214.00	244.00	1	30.00	0.90	0.15	4.05	
	244.00	274.00	1	30.00	0.90	0.15	4.05	
	274.00	280.00	1	6.00	0.90	0.15	0.81	
	For RCC Drain Wall 15.06.2022							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	2	25.80	0.15	0.56	4.33	
	25.80	31.00	2	5.20	0.15	0.56	0.87	
	31.00	69.60	2	38.60	0.15	0.60	6.95	
	69.60	79.00	2	9.40	0.15	0.60	1.69	
	79.00	109.00	2	30.00	0.15	0.60	5.40	
	109.00	139.00	2	30.00	0.15	0.63	5.67	
	139.00	147.00	2	8.00	0.15	0.63	1.51	
	147.00	177.00	2	30.00	0.15	0.63	5.67	
	177.00	184.00	2	7.00	0.15	0.64	1.34	
	184.00	214.00	2	30.00	0.15	0.63	5.67	
	214.00	244.00	2	30.00	0.15	0.62	5.58	

Item No :-	Description of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
	274.00	274.00	2	30.00	0.15	0.60	5.40		
	274.00	280.00	2	6.00	0.15	0.60	1.08		
						Total Quantity Work Done	88.97	Cum	
						Quantity Payable in this Bill Done	88.43	7140.90	631469.79

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Pre-Measurement Sheet

Third and Final

Item No:	8	13.06.2022
Item Name:	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.	

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Rate	Amount
For Drain											
Thirumalla Nagar											
8th A Cross Road											
1	8	1	150mm/CC	16	280.00	4480.0	Distribution	0.39	1747		
2	10	1	150mm/CC	1869	2.4	4480.0	Main Bar	0.62	2778		
								Total Quantity of Steel in Kg's	4524.8	**Tonne**	
								Total Quantity of Steel in Tonne's	4.53	80948.07	366694.76

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 10.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
11	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.136 & Item No 17.1)									
	For Loading and Unloading									
	Qty Vide Item No 1, 2 & 3							5801.30		
	Total Quantity Work Done							5801.30	Cum	
	Quantity Payable in this Bill Done							5767.40	78.25	451299.05

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Measurement : 23.06.2022 – 28-06-2022

Third and Final

Measurement Sheet

Item No :-	Description of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
12	Supply and fixing Precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveynce charges, labour charges inclusive of cost of all materials.							
	For RCC Drain Slab							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	1	25.80	0.90		23.22	
	25.80	31.00	1	5.20				BS Slab
	31.00	69.60	1	38.60	0.90		34.74	
	69.60	79.00	1	9.40	0.90		8.46	
	79.00	109.00	1	30.00				BS Slab
	109.00	139.00	1	30.00	0.90		27.00	
	139.00	147.00	1	8.00	0.90		7.20	
	147.00	177.00	1	30.00				BS Slab
	177.00	184.00	1	7.00				BS Slab
	184.00	214.00	1	30.00	0.90		27.00	
	214.00	244.00	1	30.00	0.90		27.00	
	244.00	274.00	1	30.00	0.90		27.00	
	274.00	280.00	1	6.00	0.90		5.40	
	Ambabhavani Layout							
	12th Cross Road (RHS)							
From 11th Main Road	0.00	21.70	1	21.70	0.90		19.53	
	21.70	31.30	1	9.60				BS Slab
	31.30	57.00	1	25.70	0.90		23.13	
	12th Cross Road (LHS)							
From 11th Main Road	0.00	30.00	1	30.00	0.90		27.00	
	30.00	52.30	1	22.30	0.90		20.07	
	52.30	55.10	1	2.80				BS Slab
	55.10	63.60	1	8.50	0.90		7.65	
	63.60	72.70	1	9.10				BS Slab
	72.70	81.90	1	9.20	0.90		8.28	
	81.90	85.10	1	3.20				BS Slab

Item No :-	Description of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
From Dead End	0.00	10.00	1	10.00	0.90		9.00		
	0.00	9.50	1	9.50	0.90		8.55		
						Total Quantity Work Done	583.11	Sqm	
						Quantity Payable in this Bill Done	583.02	1941.22	1131770.08

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 28.06.2022 — 29.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
16	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2(P No. 13 / Item No.4.6)							
	For New Kerb							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	1	25.80	0.20	0.10	0.52	
	25.80	31.00	1	5.20	0.20	0.10	0.10	
	31.00	69.60	1	38.60	0.20	0.10	0.77	
	69.60	79.00	1	9.40	0.20	0.10	0.19	
	79.00	109.00	1	30.00	0.20	0.10	0.60	
	109.00	139.00	1	30.00	0.20	0.10	0.60	
	139.00	147.00	1	8.00	0.20	0.10	0.16	
	147.00	177.00	1	30.00	0.20	0.10	0.60	
	177.00	184.00	1	7.00	0.20	0.10	0.14	
	184.00	214.00	1	30.00	0.20	0.10	0.60	
	214.00	244.00	1	30.00	0.20	0.10	0.60	
	244.00	274.00	1	30.00	0.20	0.10	0.60	
	274.00	280.00	1	6.00	0.20	0.10	0.12	
	Ambabhavani Layout							
	12th Cross Road (RHS)							
From 11th Main Road	0.00	21.70	1	21.70	0.20	0.10	0.43	
	21.70	31.30	1	9.60				N/t
	31.30	57.00	1	25.70	0.20	0.10	0.51	
	12th Cross Road (LHS)							
From 11th Main Road	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	52.30	1	22.30	0.20	0.10	0.45	
	52.30	55.10	1	2.80	0.20	0.10	0.06	
	55.10	63.60	1	8.50	0.20	0.10	0.17	
	63.60	72.70	1	9.10	0.20	0.10	0.18	
	72.70	81.90	1	9.20	0.20	0.10	0.18	
	81.90	85.10	1	3.20	0.20	0.10	0.06	
	85.10	100.30	1	15.20	0.20	0.10	0.30	

Item No :-	Description of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
	100.30	108.80	1	8.50	0.20	0.10	0.17		
	Akshay Layout								
	Akshay Layout Enterance Road (RHS)								
From Veersagara main road	0.00	13.90	1	13.90	0.20	0.10	0.28		
	13.90	18.40	1	4.50	0.20	0.10	0.09		
	18.40	36.20	1	17.80	0.20	0.10	0.36		
	36.20	45.00	1	8.80				N/t	
	45.00	48.90	1	3.90	0.20	0.10	0.08		
	48.90	53.80	1	4.90				N/t	
	53.80	54.90	1	1.10	0.20	0.10	0.02		
	Akshaya layout Entrance L Shape road (LHS)								
From Veersagara main road	0.00	30.00	1	30.00	0.20	0.10	0.60		
	30.00	45.00	1	15.00	0.20	0.10	0.30		
	45.00	53.80	1	8.80				N/t	
	53.80	55.60	1	1.80	0.20	0.10	0.04		
	55.60	63.10	1	7.50				Culvert	
	63.10	80.60	1	17.50	0.20	0.10	0.35		
	Akshay Layout 1 st cross road (RHS)								
From Enternces Gate	0.00	15.00	1	15.00	0.20	0.10	0.30		
	15.00	30.00	1	15.00	0.20	0.10	0.30		
	30.00	33.00	1	3.00	0.20	0.10	0.06		
	Akshaya layout 2nd A cross(RHS)								
From 2nd cross akshaya layout	0.00	15.00	1	15.00	0.20	0.10	0.30		
	15.00	17.00	1	2.00	0.20	0.10	0.04		
	Akshaya layout 2nd A cross(LHS)								
From 2nd cross akshaya layout	0.00	15.00	1	15.00	0.20	0.10	0.30		
	15.00	17.00	1	2.00	0.20	0.10	0.04		
	Dodda Bettahalli Village (For Missing Kerb)								
	2nd Cross Road								
From School Side Main Road	0.00	10.00	1	10.00	0.20	0.10	0.20		
	10.00	30.00	1	20.00	0.20	0.10	0.40		
	30.00	44.00	1	14.00	0.20	0.10	0.28		
	Total Quantity Work Done						13.05	Cum	
	Quantity Payable in this Bill Done						13.02	5804.79	75578.37

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 30.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
17	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. (Page No.27 & Item No. 5.30)							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	1	25.80			57.33	
	25.80	31.00	1	5.20			11.56	
	31.00	69.60	1	38.60			85.78	
	69.60	79.00	1	9.40			20.89	
	79.00	109.00	1	30.00			66.67	
	109.00	139.00	1	30.00			66.67	
	139.00	147.00	1	8.00			17.78	
	147.00	177.00	1	30.00			66.67	
	177.00	184.00	1	7.00			15.56	
	184.00	214.00	1	30.00			66.67	
	214.00	244.00	1	30.00			66.67	
	244.00	274.00	1	30.00			66.67	
	274.00	280.00	1	6.00			13.33	
	Ambabhavani Layout							
	12th Cross Road (RHS)							
From 11th Main Road	0.00	21.70	1	21.70			48.22	
	21.70	31.30	1	9.60				
	31.30	57.00	1	25.70			57.11	
	12th Cross Road (LHS)							
From 11th Main Road	0.00	30.00	1	30.00			66.67	
	30.00	52.30	1	22.30			49.56	
	52.30	55.10	1	2.80			6.22	
	55.10	63.60	1	8.50			18.89	
	63.60	72.70	1	9.10			20.22	
	72.70	81.90	1	9.20			20.44	
	81.90	85.10	1	3.20			7.11	
	85.10	100.30	1	15.20			33.78	
	100.30	108.80	1	8.50			18.89	

Item No :-	Description of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
	Akshay Layout								
	Akshay Layout Enterance Road (RHS)								
From Veersagara main road	0.00	13.90	1	13.90			30.89		
	13.90	18.40	1	4.50			10.00		
	18.40	36.20	1	17.80			39.56		
	36.20	45.00	1	8.80					
	45.00	48.90	1	3.90			8.67		
	48.90	53.80	1	4.90					
	53.80	54.90	1	1.10			2.44		
	Akshaya layout Entrance L Shape road (LHS)								
From Veersagara main road	0.00	30.00	1	30.00			66.67		
	30.00	45.00	1	15.00			33.33		
	45.00	53.80	1	8.80					
	53.80	55.60	1	1.80			4.00		
	55.60	63.10	1	7.50				Culvert	
	63.10	80.60	1	17.50			38.89		
	Akshay Layout 1 st cross road (RHS)								
From Doom Enterneces Gate	0.00	15.00	1	15.00			33.33		
	15.00	30.00	1	15.00			33.33		
	30.00	33.00	1	3.00			6.67		
	Akshaya layout 2nd A cross(RHS)								
From 2nd cross akshaya layout	0.00	15.00	1	15.00			33.33		
	15.00	17.00	1	2.00			4.44		
	Akshaya layout 2nd A cross(LHS)								
From 2nd cross akshaya layout	0.00	15.00	1	15.00			33.33		
	15.00	17.00	1	2.00			4.44		
	Dodda Bettahalli Village (Missing Slab)								
	2nd Cross Road								
From School Side Main Road	0.00	10.00	1	10.00			22.22		
	10.00	30.00	1	20.00			44.44		
	30.00	44.00	1	14.00			31.11		
	Total Quantity Work Done						**1450.44**	**No,s**	
	Quantity Payable in this Bill Done						**1442.44**	**191.64**	**276429.20**

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 09.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
18	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (I No-19.64,P No-147)									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00 - 6.00	1	6.00	12.80	13.60	13.20		79.20		
From Arch Road Enterance	0.00 - 30.00	1	30.00	12.70	8.30	10.50		315.00		
	30.00 - 60.00	1	30.00	8.30	8.00	8.15		244.50		
	60.00 - 90.00	1	30.00	8.00	6.40	7.20		216.00		
	90.00 - 120.00	1	30.00	6.40	6.90	6.65		199.50		
Collage Front	120.00 - 150.00	1	30.00	6.90	7.60	7.25		217.50		
	150.00 - 180.00	1	30.00	7.60	9.20	8.40		252.00		
	180.00 - 210.00	1	30.00	9.20	9.20	9.20		276.00		
	210.00 - 240.00	1	30.00	9.20	10.10	9.65		289.50		
Apparatment	240.00 - 270.00	1	30.00	10.10	7.40	8.75		262.50		
	270.00 - 300.00	1	30.00	7.40	7.20	7.30		219.00		
	300.00 - 330.00	1	30.00	7.20	7.30	7.25		217.50		
	330.00 - 360.00	1	30.00	7.30	8.40	7.85		235.50		
	360.00 - 390.00	1	30.00	8.40	8.40	8.40		252.00		
	390.00 - 420.00	1	30.00	8.40	8.80	8.60		258.00		
	420.00 - 450.00	1	30.00	8.80	7.40	8.10		243.00		
	450.00 - 480.00	1	30.00	7.40	7.60	7.50		225.00		
	480.00 - 510.00	1	30.00	7.60	8.60	8.10		243.00		
Bike Garage	510.00 - 540.00	1	30.00	8.60	8.40	8.50		255.00		
	540.00 - 570.00	1	30.00	8.40	9.20	8.80		264.00		
	570.00 - 600.00	1	30.00	9.20	10.00	9.60		288.00		
	600.00 - 630.00	1	30.00	10.00	9.40	9.70		291.00		
	630.00 - 660.00	1	30.00	9.40	9.60	9.50		285.00		
	660.00 - 690.00	1	30.00	9.60	11.10	10.35		310.50		
Doddabettahalli Main Road	690.00 - 720.00	1	30.00	11.10	10.40	10.75		322.50		
	720.00 - 750.00	1	30.00	10.40	9.60	10.00		300.00		
	750.00 - 780.00	1	30.00	9.60	9.60	9.60		288.00		
	780.00 - 810.00	1	30.00	9.60	9.80	9.70		291.00		
	810.00 - 840.00	1	30.00	9.80	9.90	9.85		295.50		
	840.00 - 870.00	1	30.00	9.90	9.20	9.55		286.50		
	870.00 - 900.00	1	30.00	9.20	10.00	9.60		288.00		
	900.00 - 930.00	1	30.00	10.00	11.20	10.60		318.00		
	930.00 - 960.00	1	30.00	11.20	11.40	11.30		339.00		
Temple Front	960.00 - 990.00	1	30.00	11.40	11.20	11.30		339.00		
	990.00 - 1020.00	1	30.00	11.20	8.10	9.65		289.50		
	1020.00 - 1050.00	1	30.00	8.10	9.40	8.75		262.50		
	1050.00 - 1080.00	1	30.00	9.40	8.40	8.90		267.00		

Item No -	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
School Front	1080.00	1110.00	1	30.00	8.40	9.40	8.90		267.00		
	1110.00	1140.00	1	30.00	9.40	10.20	9.80		294.00		
	1140.00	1170.00	1	30.00	10.20	9.50	9.85		295.50		
	1170.00	1200.00	1	30.00	9.50	9.60	9.55		286.50		
	1200.00	1230.00	1	30.00	9.60	10.80	10.20		306.00		
	1230.00	1260.00	1	30.00	10.80	10.80	10.80		324.00		
	1260.00	1290.00	1	30.00	10.80	12.40	11.60		348.00		
	1290.00	1320.00	1	30.00	12.40	12.80	12.60		378.00		
	1320.00	1350.00	1	30.00	12.80	12.00	12.40		372.00		
Culvert End	1350.00	1354.00	1	4.00	12.40	12.40	12.40		49.60		
	Lotus Form (Ananthpura Main Road)										
	1st Main Road										
From Raghavendra Medicals	0.00	2.00	1	2.00	4.80	4.60	4.70		9.40	Bellmouth	
	2.00	30.00	1	28.00	4.60	4.90	4.75		133.00		
	30.00	60.00	1	30.00	4.90	5.30	5.10		153.00		
	60.00	90.00	1	30.00	5.30	5.30	5.30		159.00		
	90.00	100.00	1	10.00	5.30	5.30	5.30		53.00		
	100.00	107.50	1	7.50	6.40	6.70	6.55		49.13		
								Total Quantity Work Done	13301.83	Sqm	
								Quantity Payable in this Bill Done	13299.25	6.42	85381.19

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 27.06.2022 – 28.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
19	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5. with OPC at 150 kg/cum and Coarse agrregate 0.86cum, Fine aggregate 0.58cum using Concrete batch Mix Plant at 75 Cum/hr capacity with fixed form Paver(I No-22.1.2,P No-174)									
	For CC Road									
	Doddabettahalli Main Road									
	1st Cross Road									
From Main Road	0.00	15.00	1	15.00	4.60	4.70	4.65	0.15	10.46	
	15.00	30.00	1	15.00	4.70	5.80	5.25	0.15	11.81	
	30.00	33.80	1	3.80	5.80	6.50	6.15	0.15	3.51	
	Anjaneya Temple Front									
From 1st Cross Road	0.00	3.50	1	3.50	3.50	3.50	3.50	0.15	1.84	
	0.00	9.50	1	9.50	4.10	4.10	4.10	0.15	5.84	
Deduction Steps			-1	2.60	1.20	1.20	1.20	0.15	-0.47	
	Ganesh Temple (Left Side)									
From Cross Road RHS	0.00	17.50	1	7.90	6.00	7.00	6.50	0.15	7.70	
	Ganesh Temple (Front Side)									
From Side Road	0.00	3.50	1	3.50	2.20	3.10	2.65	0.15	1.39	
	3.50	21.60	1	18.10	7.50	4.20	5.85	0.15	15.88	
	Basavanna Temple Front									
From Ganesh Temple Front	0.00	10.30	1	10.30	8.00	5.00	6.50	0.15	10.04	
	Straight Road (Building Front)									
	0.00	3.30	1	3.30	4.50	7.00	5.75	0.15	2.85	
	0.00	7.70	1	7.70	5.20	3.30	4.25	0.15	4.91	
	0.00	3.80	1	3.80	5.00	3.10	4.05	0.15	2.31	
	0.00	5.30	1	5.30	4.60	1.60	3.10	0.15	2.46	
	0.00	21.00	1	21.00	2.10	0.60	1.35	0.15	4.25	
	0.00	10.70	1	10.70	0.45	3.50	1.98	0.15	3.17	
	Cross Road (Building Side)									
	0.00	6.00	1	6.00	2.90	2.50	2.70	0.15	2.43	
	2nd Cross Road (Behind Govt School)									
From Main Road	0.00	4.50	1	4.50	4.90	4.90	4.90	0.15	3.31	
	4.50	19.50	1	15.00	5.20	3.40	4.30	0.15	9.68	
	19.50	31.00	1	11.50	3.40	3.40	3.40	0.15	5.87	

Item No :-	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
	31.00	39.00	1	8.00	3.40	4.20	3.80	0.15	4.56		
	39.00	53.00	1	14.00	4.20	6.00	5.10	0.15	10.71		
	2nd Cross (BeSide Govt School)										
From Cross End Road	0.00	15.00	1	15.00	3.30	3.00	3.15	0.15	7.09		
	15.00	32.00	1	17.00	3.00	4.00	3.50	0.15	8.93		
	3rd Cross Road										
From Main Road (school front)	0.00	15.00	1	15.00	6.60	5.70	6.15	0.15	13.84		
	15.00	30.00	1	15.00	5.70	6.60	6.15	0.15	13.84		
	30.00	34.00	1	4.00	6.60	6.60	6.60	0.15	3.96		
	Connecting Dead End (3rd Cross Road)										
From 3rd Cross	0.00	15.00	1	15.00	8.00	8.50	8.25	0.15	18.56		
	15.00	30.00	1	15.00	8.50	9.00	8.75	0.15	19.69		
	30.00	45.00	1	15.00	9.00	8.80	8.90	0.15	20.03		
	45.00	60.00	1	15.00	8.80	6.80	7.80	0.15	17.55		
	60.00	71.50	1	11.50	6.80	7.10	6.95	0.15	11.99		
	(Adajcent to School) Road Imax Light										
1/2*(L+B+h)	1/2*(13+8.6+8.00)		1	14.80				0.15	2.22		
	Venkatesh House Road										
	0.00	12.30	1	12.30	3.30	2.80	3.05	0.15	5.63		
	0.00	1.70	1	1.70	1.60	1.60	1.60	0.15	0.41		
	(3rd Cross Road) Banuprakash House Road										
	0.00	12.00	1	12.00	3.80	4.40	4.10	0.15	7.38		
								Total Quantity Work Done	275.61	Cum	
								Quantity Payable in this Bill Done	275.12	962.47	264794.75

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 29.06.2022 - 30.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
20	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. (Page No.175&176 & Item No-22.6.1)									
	For CC Road									
	Doddabettahalli Main Road									
	1st Cross Road									
From Main Road	0.00	15.00	1	15.00	4.60	4.70	4.65	0.15	10.46	
	15.00	30.00	1	15.00	4.70	5.80	5.25	0.15	11.81	
	30.00	33.80	1	3.80	5.80	6.50	6.15	0.15	3.51	
	Anjaneya Temple Front									
From 1st Cross Road	0.00	3.50	1	3.50	3.50	3.50	3.50	0.15	1.84	
	0.00	9.50	1	9.50	4.10	4.10	4.10	0.15	5.84	
Deduction Steps			-1	2.60	1.20	1.20	1.20	0.15	-0.47	
	Ganesh Temple (Left Side)									
From Cross Road RHS	0.00	17.50	1	7.90	6.00	7.00	6.50	0.15	7.70	
	Ganesh Temple (Front Side)									
From Side Road	0.00	3.50	1	3.50	2.20	3.10	2.65	0.15	1.39	
	3.50	21.60	1	18.10	7.50	4.20	5.85	0.15	15.88	
	Basavanna Temple Front									
From Ganesh Temple Front	0.00	10.30	1	10.30	8.00	5.00	6.50	0.15	10.04	
	Straight Road (Building Front)									
	0.00	3.30	1	3.30	4.50	7.00	5.75	0.15	2.85	
	0.00	7.70	1	7.70	5.20	3.30	4.25	0.15	4.91	
	0.00	3.80	1	3.80	5.00	3.10	4.05	0.15	2.31	
	0.00	5.30	1	5.30	4.60	1.60	3.10	0.15	2.46	
	0.00	21.00	1	21.00	2.10	0.60	1.35	0.15	4.25	
	0.00	10.70	1	10.70	0.45	3.50	1.98	0.15	3.17	
	Cross Road (Building Side)									

Item No -	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
	0.00	6.00	1	6.00	2.90	2.50	2.70	0.15	2.43		
	2nd Cross Road (Behind Govt School)										
From Main Road	0.00	4.50	1	4.50	4.90	4.90	4.90	0.15	3.31		
	4.50	19.50	1	15.00	5.20	3.40	4.30	0.15	9.68		
	19.50	31.00	1	11.50	3.40	3.40	3.40	0.15	5.87		
	31.00	39.00	1	8.00	3.40	4.20	3.80	0.15	4.56		
	39.00	53.00	1	14.00	4.20	6.00	5.10	0.15	10.71		
	2nd Cross (BeSide Govt School)										
From Cross End Road	0.00	15.00	1	15.00	3.30	3.00	3.15	0.15	7.09		
	15.00	32.00	1	17.00	3.00	4.00	3.50	0.15	8.93		
	3rd Cross Road										
From Main Road (school front)	0.00	15.00	1	15.00	6.60	5.70	6.15	0.15	13.84		
	15.00	30.00	1	15.00	5.70	6.60	6.15	0.15	13.84		
	30.00	34.00	1	4.00	6.60	6.60	6.60	0.15	3.96		
	Connecting Dead End (3rd Cross Road)										
From 3rd Cross	0.00	15.00	1	15.00	8.00	8.50	8.25	0.15	18.56		
	15.00	30.00	1	15.00	8.50	9.00	8.75	0.15	19.69		
	30.00	45.00	1	15.00	9.00	8.80	8.90	0.15	20.03		
	45.00	60.00	1	15.00	8.80	6.80	7.80	0.15	17.55		
	60.00	71.50	1	11.50	6.80	7.10	6.95	0.15	11.99		
	(Adajcent to School) Road Imax Light										
1/2*(L+b+h)	1/2*(13+8.6+8.00)		1	14.80				0.15	2.22		
	Venkatesh House Road										
	0.00	12.30	1	12.30	3.30	2.80	3.05	0.15	5.63		
	0.00	1.70	1	1.70	1.60	1.60	1.60	0.15	0.41		
	(3rd Cross Road) Banuprakash House Road										
	0.00	12.00	1	12.00	3.80	4.40	4.10	0.15	7.38		
							Total Quantity Work Done		275.61	Cum	
							Quantity Payable in this Bill Done		275.12	962.47	264794.75

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 22.06.2022 - 23.06.2022

Third and Final

Pre-Measurement Sheet

Item No -	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
21	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/ basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density,									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00	6.00	1	6.00	12.80	13.60	13.20	0.15	11.88	
From Arch Road Enterance	0.00	30.00	1	30.00	12.70	8.40	10.55	0.15	47.48	
	30.00	60.00	1	30.00	8.40	8.20	8.30	0.15	37.35	
	60.00	90.00	1	30.00	8.20	6.60	7.40	0.15	33.30	
	90.00	120.00	1	30.00	6.60	7.00	6.80	0.15	30.60	
Collage Front	120.00	150.00	1	30.00	7.00	7.80	7.40	0.15	33.30	
	150.00	180.00	1	30.00	7.80	9.40	8.60	0.15	38.70	
	180.00	210.00	1	30.00	9.40	9.40	9.40	0.15	42.30	
	210.00	240.00	1	30.00	9.40	10.20	9.80	0.15	44.10	
Apparatment	240.00	270.00	1	30.00	10.20	7.60	8.90	0.15	40.05	
	270.00	300.00	1	30.00	7.60	7.40	7.50	0.15	33.75	
	300.00	330.00	1	30.00	7.40	7.40	7.40	0.15	33.30	
	330.00	360.00	1	30.00	7.40	8.60	8.00	0.15	36.00	
	360.00	390.00	1	30.00	8.60	8.60	8.60	0.15	38.70	
	390.00	420.00	1	30.00	8.60	9.00	8.80	0.15	39.60	
	420.00	450.00	1	30.00	9.00	7.60	8.30	0.15	37.35	
	450.00	480.00	1	30.00	7.60	7.60	7.60	0.15	34.20	
	480.00	510.00	1	30.00	7.60	8.80	8.20	0.15	36.90	
Bike Garage	510.00	540.00	1	30.00	8.80	8.60	8.70	0.15	39.15	
	540.00	570.00	1	30.00	8.60	9.40	9.00	0.15	40.50	
	570.00	600.00	1	30.00	9.40	10.20	9.80	0.15	44.10	
	600.00	630.00	1	30.00	10.20	9.60	9.90	0.15	44.55	
	630.00	660.00	1	30.00	9.60	9.80	9.70	0.15	43.65	
	660.00	690.00	1	30.00	9.80	11.20	10.50	0.15	47.25	
Doddabettahall i Main Road	690.00	720.00	1	30.00	11.20	10.60	10.90	0.15	49.05	
	720.00	750.00	1	30.00	10.60	9.80	10.20	0.15	45.90	
	750.00	780.00	1	30.00	9.80	9.80	9.80	0.15	44.10	
	780.00	810.00	1	30.00	9.80	10.00	9.90	0.15	44.55	
	810.00	840.00	1	30.00	10.00	10.00	10.00	0.15	45.00	
	840.00	870.00	1	30.00	10.00	9.40	9.70	0.15	43.65	
	870.00	900.00	1	30.00	9.40	11.00	10.20	0.15	45.90	
	900.00	930.00	1	30.00	11.00	11.20	11.10	0.15	49.95	
	930.00	960.00	1	30.00	11.20	11.40	11.30	0.15	50.85	
Temple Front	960.00	990.00	1	30.00	11.40	11.20	11.30	0.15	50.85	
	990.00	1020.00	1	30.00	11.20	8.00	9.60	0.15	43.20	
	1020.00	1050.00	1	30.00	8.00	9.60	8.80	0.15	39.60	
	1050.00	1080.00	1	30.00	9.60	8.60	9.10	0.15	40.95	
School Front	1080.00	1110.00	1	30.00	8.60	9.60	9.10	0.15	40.95	

	1110.00	1140.00	1	30.00	9.60	10.40	10.00	0.15	45.00		
	1140.00	1170.00	1	30.00	10.40	9.60	10.00	0.15	45.00		
	1170.00	1200.00	1	30.00	9.60	9.60	9.60	0.15	43.20		
	1200.00	1230.00	1	30.00	9.60	10.80	10.20	0.15	45.90		
	1230.00	1260.00	1	30.00	10.80	10.80	10.80	0.15	48.60		
	1260.00	1290.00	1	30.00	10.80	12.60	11.70	0.15	52.65		
	1290.00	1320.00	1	30.00	12.60	12.80	12.70	0.15	57.15		
	1320.00	1350.00	1	30.00	12.80	12.40	12.60	0.15	56.70		
Culvert End	1350.00	1354.00	1	4.00	12.40	12.40	12.40	0.15	7.44		
For Embankment Bike Garage Front	570.00	600.00	1	30.00	10.10	10.20	10.15	0.15	45.68		
	600.00	630.00	1	30.00	10.20	9.80	10.00	0.15	45.00		
	630.00	660.00	1	30.00	9.80	9.80	9.80	0.15	44.10		
	660.00	690.00	1	30.00	9.80	11.20	10.50	0.15	47.25		
Doddabettahalli Main Road	690.00	720.00	1	30.00	11.20	10.60	10.90	0.15	49.05		
	720.00	750.00	1	30.00	10.60	9.80	10.20	0.15	45.90		
	750.00	780.00	1	30.00	9.80	9.80	9.80	0.15	44.10		
	780.00	810.00	1	30.00	9.80	10.00	9.90	0.15	44.55		
	810.00	840.00	1	30.00	10.00	10.00	10.00	0.15	45.00		
	840.00	870.00	1	30.00	10.00	9.40	9.70	0.15	43.65		
	870.00	900.00	1	30.00	9.40	11.00	10.20	0.15	45.90		
	900.00	930.00	1	30.00	11.00	11.20	11.10	0.15	49.95		
	930.00	960.00	1	30.00	11.20	11.40	11.30	0.15	50.85		
Temple Front	960.00	990.00	1	30.00	11.40	11.20	11.30	0.15	50.85		
	990.00	1020.00	1	30.00	11.20	8.00	9.60	0.15	43.20		
	1020.00	1050.00	1	30.00	8.00	9.60	8.80	0.15	39.60		
	1050.00	1080.00	1	30.00	9.60	8.80	9.20	0.15	41.40		
School Front	1080.00	1110.00	1	30.00	8.80	9.70	9.25	0.15	41.63		
	1110.00	1140.00	1	30.00	9.70	10.40	10.05	0.15	45.23		
	1140.00	1170.00	1	30.00	10.40	9.80	10.10	0.15	45.45		
	1170.00	1200.00	1	30.00	9.80	9.60	9.70	0.15	43.65		
	1200.00	1230.00	1	30.00	9.60	10.80	10.20	0.15	45.90		
	1230.00	1260.00	1	30.00	10.80	10.80	10.80	0.15	48.60		
	1260.00	1290.00	1	30.00	10.80	12.60	11.70	0.15	52.65		
	1290.00	1320.00	1	30.00	12.60	12.80	12.70	0.15	57.15		
	1320.00	1350.00	1	30.00	12.80	12.40	12.60	0.15	56.70		
Culvert End	1350.00	1354.00	1	4.00	12.40	12.40	12.40	0.15	7.44		
Lotus Form (Ananthpura Main Road)											
1st Main Road											
From Raghavendra Medicals	0.00	2.00	1	2.00	4.80	4.60	4.70	0.15	1.41	Bellmouth	
	2.00	30.00	1	28.00	4.60	4.90	4.75	0.15	19.95		
	30.00	60.00	1	30.00	4.90	5.30	5.10	0.15	22.95		
	60.00	90.00	1	30.00	5.30	5.30	5.30	0.15	23.85		
	90.00	100.00	1	10.00	5.30	5.30	5.30	0.15	7.95		
	100.00	107.50	1	7.50	6.40	6.70	6.55	0.15	7.37		
									Total Quantity Work Done	3248.09	Cum
									Quantity Payable in this Bill Done	3248.00	2014.87	6544297.76

Contractor

Assistant Engineer

Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 29.06.2022 - 04.07.2022

Third and Final

Pre-Measurement Sheet

Item No -	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
22	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 I.No.20.18)									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00	6.00	1	6.00	12.80	13.60	13.20	0.20	15.84	
From Arch Road Enterance	0.00	30.00	1	30.00	12.70	8.30	10.50	0.20	63.00	
	30.00	60.00	1	30.00	8.30	8.00	8.15	0.20	48.90	
	60.00	90.00	1	30.00	8.00	6.40	7.20	0.20	43.20	
	90.00	120.00	1	30.00	6.40	6.90	6.65	0.20	39.90	
Collage Front	120.00	150.00	1	30.00	6.90	7.60	7.25	0.20	43.50	
	150.00	180.00	1	30.00	7.60	9.20	8.40	0.20	50.40	
	180.00	210.00	1	30.00	9.20	9.20	9.20	0.20	55.20	
	210.00	240.00	1	30.00	9.20	10.10	9.65	0.20	57.90	
Apparatment	240.00	270.00	1	30.00	10.10	7.40	8.75	0.20	52.50	
	270.00	300.00	1	30.00	7.40	7.20	7.30	0.20	43.80	
	300.00	330.00	1	30.00	7.20	7.30	7.25	0.20	43.50	
	330.00	360.00	1	30.00	7.30	8.40	7.85	0.20	47.10	
	360.00	390.00	1	30.00	8.40	8.40	8.40	0.20	50.40	
	390.00	420.00	1	30.00	8.40	8.80	8.60	0.20	51.60	
	420.00	450.00	1	30.00	8.80	7.40	8.10	0.20	48.60	
	450.00	480.00	1	30.00	7.40	7.60	7.50	0.20	45.00	
	480.00	510.00	1	30.00	7.60	8.60	8.10	0.20	48.60	
Bike Garage	510.00	540.00	1	30.00	8.60	8.40	8.50	0.20	51.00	
	540.00	570.00	1	30.00	8.40	9.20	8.80	0.20	52.80	
	570.00	600.00	1	30.00	9.20	10.00	9.60	0.20	57.60	
	600.00	630.00	1	30.00	10.00	9.40	9.70	0.20	58.20	
	630.00	660.00	1	30.00	9.40	9.60	9.50	0.20	57.00	
	660.00	690.00	1	30.00	9.60	11.10	10.35	0.20	62.10	
Doddabettahalli Main Road	690.00	720.00	1	30.00	11.10	10.40	10.75	0.20	64.50	
	720.00	750.00	1	30.00	10.40	9.60	10.00	0.20	60.00	
	750.00	780.00	1	30.00	9.60	9.60	9.60	0.20	57.60	
	780.00	810.00	1	30.00	9.60	9.80	9.70	0.20	58.20	
	810.00	840.00	1	30.00	9.80	9.90	9.85	0.20	59.10	
	840.00	870.00	1	30.00	9.90	9.20	9.55	0.20	57.30	
	870.00	900.00	1	30.00	9.20	10.00	9.60	0.20	57.60	
	900.00	930.00	1	30.00	10.00	11.20	10.60	0.20	63.60	
	930.00	960.00	1	30.00	11.20	11.40	11.30	0.20	67.80	

Item No :-	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
Temple Front	960.00	990.00	1	30.00	11.40	11.20	11.30	0.20	67.80		
	990.00	1020.00	1	30.00	11.20	8.00	9.60	0.20	57.60		
	1020.00	1050.00	1	30.00	8.00	9.40	8.70	0.20	52.20		
	1050.00	1080.00	1	30.00	9.40	8.40	8.90	0.20	53.40		
School Front	1080.00	1110.00	1	30.00	8.40	9.40	8.90	0.20	53.40		
	1110.00	1140.00	1	30.00	9.40	10.20	9.80	0.20	58.80		
	1140.00	1170.00	1	30.00	10.20	9.50	9.85	0.20	59.10		
	1170.00	1200.00	1	30.00	9.50	9.60	9.55	0.20	57.30		
	1200.00	1230.00	1	30.00	9.60	10.80	10.20	0.20	61.20		
	1230.00	1260.00	1	30.00	10.80	10.80	10.80	0.20	64.80		
	1260.00	1290.00	1	30.00	10.80	12.40	11.60	0.20	69.60		
	1290.00	1320.00	1	30.00	12.40	12.80	12.60	0.20	75.60		
	1320.00	1350.00	1	30.00	12.80	12.00	12.40	0.20	74.40		
Culvert End	1350.00	1354.00	1	4.00	12.40	12.40	12.40	0.20	9.92		
	Lotus Form (Ananthpura Main Road)										
	1st Main Road										
From Raghavendra Medicals	0.00	2.00	1	2.00	4.80	4.60	4.70	0.20	1.88	Bellmouth	
	2.00	30.00	1	28.00	4.60	4.90	4.75	0.20	26.60		
	30.00	60.00	1	30.00	4.90	5.30	5.10	0.20	30.60		
	60.00	90.00	1	30.00	5.30	5.30	5.30	0.20	31.80		
	90.00	100.00	1	10.00	5.30	5.30	5.30	0.20	10.60		
	100.00	107.50	1	7.50	6.40	6.70	6.55	0.20	9.83		
								Total Quantity Work Done	2659.77	Cum	
								Quantity Payable in this Bill Done	2659.77	2021.29	5376156.40

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement 11.07.2022 – 16.07.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
23	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6), Issue rate on 01/01/2021									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00	6.00	1	6.00	12.80	13.60	13.20		79.20	
From Arch Road Enterance	0.00	30.00	1	30.00	12.70	8.30	10.50		315.00	
	30.00	60.00	1	30.00	8.30	8.00	8.15		244.50	
	60.00	90.00	1	30.00	8.00	6.40	7.20		216.00	
	90.00	120.00	1	30.00	6.40	6.90	6.65		199.50	
Collage Front	120.00	150.00	1	30.00	6.90	7.60	7.25		217.50	
	150.00	180.00	1	30.00	7.60	9.20	8.40		252.00	
	180.00	210.00	1	30.00	9.20	9.20	9.20		276.00	
	210.00	240.00	1	30.00	9.20	10.10	9.65		289.50	
Apparatment	240.00	270.00	1	30.00	10.10	7.40	8.75		262.50	
	270.00	300.00	1	30.00	7.40	7.20	7.30		219.00	
	300.00	330.00	1	30.00	7.20	7.30	7.25		217.50	
	330.00	360.00	1	30.00	7.30	8.40	7.85		235.50	
	360.00	390.00	1	30.00	8.40	8.40	8.40		252.00	
	390.00	420.00	1	30.00	8.40	8.80	8.60		258.00	
	420.00	450.00	1	30.00	8.80	7.40	8.10		243.00	
	450.00	480.00	1	30.00	7.40	8.10	7.75		232.50	
	480.00	510.00	1	30.00	8.10	8.60	8.35		250.50	
Bike Garage	510.00	540.00	1	30.00	8.60	8.40	8.50		255.00	
	540.00	570.00	1	30.00	8.40	9.20	8.80		264.00	
	570.00	600.00	1	30.00	9.20	10.00	9.60		288.00	
	600.00	630.00	1	30.00	10.00	9.40	9.70		291.00	
	630.00	660.00	1	30.00	9.40	9.60	9.50		285.00	
	660.00	690.00	1	30.00	9.60	11.10	10.35		310.50	
Doddabettahalli Main Road	690.00	720.00	1	30.00	11.10	10.40	10.75		322.50	
	720.00	750.00	1	30.00	10.40	9.60	10.00		300.00	
	750.00	780.00	1	30.00	9.60	9.60	9.60		288.00	
	780.00	810.00	1	30.00	9.60	9.80	9.70		291.00	
	810.00	840.00	1	30.00	9.80	9.90	9.85		295.50	
	840.00	870.00	1	30.00	9.90	9.20	9.55		286.50	
	870.00	900.00	1	30.00	9.20	10.00	9.60		288.00	
	900.00	930.00	1	30.00	10.00	11.20	10.60		318.00	
	930.00	960.00	1	30.00	11.20	11.40	11.30		339.00	
Temple Front	960.00	990.00	1	30.00	11.40	11.20	11.30		339.00	
	990.00	1020.00	1	30.00	11.20	7.60	9.40		282.00	
	1020.00	1050.00	1	30.00	7.60	9.40	8.50		255.00	

Item No :-	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
School Front	1050.00	1080.00	1	30.00	9.40	8.40	8.90		267.00		
	1080.00	1110.00	1	30.00	8.40	9.40	8.90		267.00		
	1110.00	1140.00	1	30.00	9.40	10.20	9.80		294.00		
	1140.00	1170.00	1	30.00	10.20	9.50	9.85		295.50		
	1170.00	1200.00	1	30.00	9.50	9.60	9.55		286.50		
	1200.00	1230.00	1	30.00	9.60	10.80	10.20		306.00		
	1230.00	1260.00	1	30.00	10.80	10.80	10.80		324.00		
	1260.00	1290.00	1	30.00	10.80	12.40	11.60		348.00		
	1290.00	1320.00	1	30.00	12.40	12.80	12.60		378.00		
	1320.00	1350.00	1	30.00	12.80	12.00	12.40		372.00		
Culvert End	1350.00	1354.00	1	4.00	12.40	12.40	12.40		49.60		
	Lotus Form (Ananthpura Main Road)										
	1st Main Road										
From Raghavendra Medicals	0.00	2.00	1	2.00	4.80	4.60	4.70		9.40	Bellmouth	
	2.00	30.00	1	28.00	4.60	4.90	4.75		133.00		
	30.00	60.00	1	30.00	4.90	5.30	5.10		153.00		
	60.00	90.00	1	30.00	5.30	5.30	5.30		159.00		
	90.00	100.00	1	10.00	5.30	5.30	5.30		53.00		
	100.00	107.50	1	7.50	6.40	6.70	6.55		49.13		
								Total Quantity Work Done	13301.83	Sqm	
								Quantity Payable in this Bill Done	13299.25	34.26	455632.31

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 11-07-2022 - 16-07-2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
24	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen(P.No.171 I.No.21.17.6) Issue rate on 01/01/2021									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00	6.00	1	6.00	12.80	13.60	13.20	0.05	3.96	
	0.00	30.00	1	30.00	12.70	8.30	10.50	0.05	15.75	
From Arch Road Enterance	30.00	60.00	1	30.00	8.30	8.00	8.15	0.05	12.23	
	60.00	90.00	1	30.00	8.00	6.40	7.20	0.05	10.80	
	90.00	120.00	1	30.00	6.40	6.90	6.65	0.05	9.98	
Collage Front	120.00	150.00	1	30.00	6.90	7.60	7.25	0.05	10.88	
	150.00	180.00	1	30.00	7.60	9.20	8.40	0.05	12.60	
	180.00	210.00	1	30.00	9.20	9.20	9.20	0.05	13.80	
	210.00	240.00	1	30.00	9.20	10.10	9.65	0.05	14.48	
Apparatment	240.00	270.00	1	30.00	10.10	7.40	8.75	0.05	13.13	
	270.00	300.00	1	30.00	7.40	7.20	7.30	0.05	10.95	
	300.00	330.00	1	30.00	7.20	7.30	7.25	0.05	10.88	
	330.00	360.00	1	30.00	7.30	8.40	7.85	0.05	11.78	
	360.00	390.00	1	30.00	8.40	8.40	8.40	0.05	12.60	
	390.00	420.00	1	30.00	8.40	8.80	8.60	0.05	12.90	
	420.00	450.00	1	30.00	8.80	7.40	8.10	0.05	12.15	
	450.00	480.00	1	30.00	7.40	7.60	7.50	0.05	11.25	
	480.00	510.00	1	30.00	7.60	8.60	8.10	0.05	12.15	
Bike Garage	510.00	540.00	1	30.00	8.60	8.40	8.50	0.05	12.75	
	540.00	570.00	1	30.00	8.40	9.20	8.80	0.05	13.20	
	570.00	600.00	1	30.00	9.20	10.00	9.60	0.05	14.40	
	600.00	630.00	1	30.00	10.00	9.40	9.70	0.05	14.55	
	630.00	660.00	1	30.00	9.40	9.60	9.50	0.05	14.25	
	660.00	690.00	1	30.00	9.60	11.10	10.35	0.05	15.53	
Doddabettahall i Main Road	690.00	720.00	1	30.00	11.10	10.40	10.75	0.05	16.13	
	720.00	750.00	1	30.00	10.40	9.60	10.00	0.05	15.00	
	750.00	780.00	1	30.00	9.60	9.60	9.60	0.05	14.40	
	780.00	810.00	1	30.00	9.60	9.80	9.70	0.05	14.55	
	810.00	840.00	1	30.00	9.80	9.90	9.85	0.05	14.78	
	840.00	870.00	1	30.00	9.90	9.20	9.55	0.05	14.33	
	870.00	900.00	1	30.00	9.20	10.00	9.60	0.05	14.40	
	900.00	930.00	1	30.00	10.00	11.20	10.60	0.05	15.90	

Item No :-	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
Temple Front	930.00	960.00	1	30.00	11.20	11.40	11.30	0.05	16.95		
	960.00	990.00	1	30.00	11.40	11.30	11.35	0.05	17.03		
	990.00	1020.00	1	30.00	11.30	7.60	9.45	0.05	14.18		
	1020.00	1050.00	1	30.00	7.60	9.40	8.50	0.05	12.75		
	1050.00	1080.00	1	30.00	9.40	8.60	9.00	0.05	13.50		
School Front	1080.00	1110.00	1	30.00	8.60	9.60	9.10	0.05	13.65		
	1110.00	1140.00	1	30.00	9.60	10.20	9.90	0.05	14.85		
	1140.00	1170.00	1	30.00	10.20	9.50	9.85	0.05	14.78		
	1170.00	1200.00	1	30.00	9.50	9.60	9.55	0.05	14.33		
	1200.00	1230.00	1	30.00	9.60	10.80	10.20	0.05	15.30		
	1230.00	1260.00	1	30.00	10.80	10.80	10.80	0.05	16.20		
	1260.00	1290.00	1	30.00	10.80	12.40	11.60	0.05	17.40		
	1290.00	1320.00	1	30.00	12.40	12.80	12.60	0.05	18.90		
	1320.00	1350.00	1	30.00	12.80	12.00	12.40	0.05	18.60		
Culvert End	1350.00	1354.00	1	4.00	12.40	12.40	12.40	0.05	2.48		
	Lotus Form (Ananthpura Main Road)										
	1st Main Road										
From Raghavendra Medicals	0.00	2.00	1	2.00	4.80	4.60	4.70	0.05	0.47	Bellmouth	
	2.00	30.00	1	28.00	4.60	4.90	4.75	0.05	6.65		
	30.00	60.00	1	30.00	4.90	5.30	5.10	0.05	7.65		
	60.00	90.00	1	30.00	5.30	5.30	5.30	0.05	7.95		
	90.00	100.00	1	10.00	5.30	5.30	5.30	0.05	2.65		
	100.00	107.50	1	7.50	6.40	6.70	6.55	0.05	2.46		
								Total Quantity Work Done	665.09	Cum	
								Quantity Payable in this Bill Done	664.96	7365.73	4897915.82

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement 14.07.2022 – 20.07.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
25	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-158,I No-21.7)Issue rate on 01/01/2021									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00	6.00	1	6.00	12.80	13.60	13.20	79.20		
From Arch Road Enterance	0.00	30.00	1	30.00	12.70	8.30	10.50	315.00		
	30.00	60.00	1	30.00	8.30	8.00	8.15	244.50		
	60.00	90.00	1	30.00	8.00	6.40	7.20	216.00		
	90.00	120.00	1	30.00	6.40	6.90	6.65	199.50		
Collage Front	120.00	150.00	1	30.00	6.90	7.60	7.25	217.50		
	150.00	180.00	1	30.00	7.60	9.20	8.40	252.00		
	180.00	210.00	1	30.00	9.20	9.20	9.20	276.00		
	210.00	240.00	1	30.00	9.20	10.10	9.65	289.50		
Apparatment	240.00	270.00	1	30.00	10.10	7.40	8.75	262.50		
	270.00	300.00	1	30.00	7.40	7.20	7.30	219.00		
	300.00	330.00	1	30.00	7.20	7.30	7.25	217.50		
	330.00	360.00	1	30.00	7.30	8.40	7.85	235.50		
	360.00	390.00	1	30.00	8.40	8.40	8.40	252.00		
	390.00	420.00	1	30.00	8.40	8.80	8.60	258.00		
	420.00	450.00	1	30.00	8.80	7.40	8.10	243.00		
	450.00	480.00	1	30.00	7.40	7.60	7.50	225.00		
	480.00	510.00	1	30.00	7.60	8.60	8.10	243.00		
Bike Parking	510.00	540.00	1	30.00	8.60	8.40	8.50	255.00		
	540.00	570.00	1	30.00	8.40	9.20	8.80	264.00		
	570.00	600.00	1	30.00	9.20	10.00	9.60	288.00		
	600.00	630.00	1	30.00	10.00	9.40	9.70	291.00		
	630.00	660.00	1	30.00	9.40	9.60	9.50	285.00		
	660.00	690.00	1	30.00	9.60	11.10	10.35	310.50		
Doddabettahall i Main Road	690.00	720.00	1	30.00	11.10	10.40	10.75	322.50		
	720.00	750.00	1	30.00	10.40	9.60	10.00	300.00		
	750.00	780.00	1	30.00	9.60	9.60	9.60	288.00		
	780.00	810.00	1	30.00	9.60	9.80	9.70	291.00		
	810.00	840.00	1	30.00	9.80	9.90	9.85	295.50		
	840.00	870.00	1	30.00	9.90	9.20	9.55	286.50		
	870.00	900.00	1	30.00	9.20	10.00	9.60	288.00		
	900.00	930.00	1	30.00	10.00	11.20	10.60	318.00		
	930.00	960.00	1	30.00	11.20	11.40	11.30	339.00		
Temple Front	960.00	990.00	1	30.00	11.40	11.20	11.30	339.00		
	990.00	1020.00	1	30.00	11.20	8.00	9.60	288.00		
	1020.00	1050.00	1	30.00	8.00	9.40	8.70	261.00		

Item No -	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
School Front	1050.00	1080.00	1	30.00	9.40	8.40	8.90		267.00		
	1080.00	1110.00	1	30.00	8.40	9.40	8.90		267.00		
	1110.00	1140.00	1	30.00	9.40	10.20	9.80		294.00		
	1140.00	1170.00	1	30.00	10.20	9.50	9.85		295.50		
	1170.00	1200.00	1	30.00	9.50	9.60	9.55		286.50		
	1200.00	1230.00	1	30.00	9.60	10.80	10.20		306.00		
	1230.00	1260.00	1	30.00	10.80	10.80	10.80		324.00		
	1260.00	1290.00	1	30.00	10.80	12.40	11.60		348.00		
	1290.00	1320.00	1	30.00	12.40	12.80	12.60		378.00		
	1320.00	1350.00	1	30.00	12.80	12.00	12.40		372.00		
	1350.00	1354.00	1	4.00	12.40	12.40	12.40		49.60		
	Lotus Form (Ananthpura Main Road)										
	1st Main Road										
From Raghavendra Medicals	0.00	2.00	1	2.00	4.80	4.60	4.70		9.40	Bellmouth	
	2.00	30.00	1	28.00	4.60	4.90	4.75		133.00		
	30.00	60.00	1	30.00	4.90	5.30	5.10		153.00		
	60.00	90.00	1	30.00	5.30	5.30	5.30		159.00		
	90.00	100.00	1	10.00	5.30	5.30	5.30		53.00		
	100.00	107.50	1	7.50	6.40	6.70	6.55		49.13		
	Total Quantity Work Done								13298.83	Sqm	
	Quantity Payable in this Bill Done								13298.83	12.85	170889.90

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 14.07.2022 to 20.07.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
26	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen (P.No.162, I.No.21.22.6) Issue rate on 01/01/2021									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00	6.00	1	6.00	12.40	12.40	12.40	0.04	2.98	
From Arch Road Enterance	0.00	30.00	1	30.00	12.60	8.20	10.40	0.04	12.48	
	30.00	60.00	1	30.00	8.20	7.90	8.05	0.04	9.66	
	60.00	90.00	1	30.00	7.90	6.20	7.05	0.04	8.46	
	90.00	120.00	1	30.00	6.20	6.60	6.40	0.04	7.68	
Collage Front	120.00	150.00	1	30.00	6.60	7.40	7.00	0.04	8.40	
	150.00	180.00	1	30.00	7.40	9.00	8.20	0.04	9.84	
	180.00	210.00	1	30.00	9.00	9.00	9.00	0.04	10.80	
	210.00	240.00	1	30.00	9.00	9.80	9.40	0.04	11.28	
Apparatment	240.00	270.00	1	30.00	9.80	7.20	8.50	0.04	10.20	
	270.00	300.00	1	30.00	7.20	7.00	7.10	0.04	8.52	
	300.00	330.00	1	30.00	7.00	7.00	7.00	0.04	8.40	
	330.00	360.00	1	30.00	7.00	8.00	7.50	0.04	9.00	
	360.00	390.00	1	30.00	8.00	8.00	8.00	0.04	9.60	
	390.00	420.00	1	30.00	8.00	8.40	8.20	0.04	9.84	
	420.00	450.00	1	30.00	8.40	7.20	7.80	0.04	9.36	
	450.00	480.00	1	30.00	7.20	7.40	7.30	0.04	8.76	
	480.00	510.00	1	30.00	7.40	8.20	7.80	0.04	9.36	
Bike Garage	510.00	540.00	1	30.00	8.20	8.00	8.10	0.04	9.72	
	540.00	570.00	1	30.00	8.00	9.00	8.50	0.04	10.20	
	570.00	600.00	1	30.00	9.00	9.80	9.40	0.04	11.28	
	600.00	630.00	1	30.00	9.80	9.20	9.50	0.04	11.40	
	630.00	660.00	1	30.00	9.20	9.20	9.20	0.04	11.04	
	660.00	690.00	1	30.00	9.20	10.80	10.00	0.04	12.00	
Doddabettahalli Main Road	690.00	720.00	1	30.00	10.80	10.40	10.60	0.04	12.72	
	720.00	750.00	1	30.00	10.40	9.40	9.90	0.04	11.88	
	750.00	780.00	1	30.00	9.40	9.40	9.40	0.04	11.28	
	780.00	810.00	1	30.00	9.40	9.60	9.50	0.04	11.40	
	810.00	840.00	1	30.00	9.60	9.60	9.60	0.04	11.52	
	840.00	870.00	1	30.00	9.60	9.00	9.30	0.04	11.16	
	870.00	900.00	1	30.00	9.00	9.80	9.40	0.04	11.28	
	900.00	930.00	1	30.00	9.80	11.00	10.40	0.04	12.48	

Item No :-	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
Temple Front	930.00	960.00	1	30.00	11.00	11.00	11.00	0.04	13.20		
	960.00	990.00	1	30.00	11.00	10.80	10.90	0.04	13.08		
	990.00	1020.00	1	30.00	10.80	7.40	9.10	0.04	10.92		
	1020.00	1050.00	1	30.00	7.40	9.20	8.30	0.04	9.96		
	1050.00	1080.00	1	30.00	9.20	8.20	8.70	0.04	10.44		
School Front	1080.00	1110.00	1	30.00	8.20	9.20	8.70	0.04	10.44		
	1110.00	1140.00	1	30.00	9.20	10.00	9.60	0.04	11.52		
	1140.00	1170.00	1	30.00	10.00	9.20	9.60	0.04	11.52		
	1170.00	1200.00	1	30.00	9.20	9.40	9.30	0.04	11.16		
	1200.00	1230.00	1	30.00	9.40	10.40	9.90	0.04	11.88		
	1230.00	1260.00	1	30.00	10.40	10.40	10.40	0.04	12.48		
	1260.00	1290.00	1	30.00	10.40	12.10	11.25	0.04	13.50		
	1290.00	1320.00	1	30.00	12.10	12.40	12.25	0.04	14.70		
	1320.00	1350.00	1	30.00	12.40	11.80	12.10	0.04	14.52		
Culvert End	1350.00	1354.00	1	4.00	11.80	11.60	11.70	0.04	1.87		
Lotus Form (Ananthpura Main Road)											
1st Main Road											
From Raghavendra Medicals	0.00	2.00	1	2.00	4.60	4.60	4.60	0.03	0.28	Bellmouth	
	2.00	30.00	1	28.00	4.60	4.80	4.70	0.03	3.95		
	30.00	60.00	1	30.00	4.80	5.20	5.00	0.03	4.50		
	60.00	90.00	1	30.00	5.20	5.20	5.20	0.03	4.68		
	90.00	100.00	1	10.00	5.20	5.20	5.20	0.03	1.56		
	100.00	107.50	1	7.50	6.40	6.40	6.40	0.03	1.44		
								Total Quantity Work Done	496.12	Cum	
								Quantity Payable in this Bill Done	488.73	8534.82	4171222.58

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre- Measurement : 25.07.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
27	KSRB 15-19.2 :Providing and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of oil,grease,dirt and other foreign matter and sand papering including cost of materials, labour, complete as per specifications. (Page No.124 & Item No.15.80)							
	For New Kerb							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	1	25.80		0.40	10.32	
	25.80	31.00	1	5.20		0.40	2.08	
	31.00	69.60	1	38.60		0.40	15.44	
	69.60	79.00	1	9.40		0.40	3.76	
	79.00	109.00	1	30.00		0.40	12.00	
	109.00	139.00	1	30.00		0.40	12.00	
	139.00	147.00	1	8.00		0.40	3.20	
	147.00	177.00	1	30.00		0.40	12.00	
	177.00	184.00	1	7.00		0.40	2.80	
	184.00	214.00	1	30.00		0.40	12.00	
	214.00	244.00	1	30.00		0.40	12.00	
	244.00	274.00	1	30.00		0.40	12.00	
	274.00	280.00	1	6.00		0.40	2.40	
	Ambabhavani Layout							
	12th Cross Road (RHS)							
From 11th Main Road	0.00	21.70	1	21.70		0.40	8.68	
	21.70	31.30	1	9.60				N/t
	31.30	57.00	1	25.70		0.40	10.28	
	12th Cross Road (LHS)							
From 11th Main Road	0.00	30.00	1	30.00		0.40	12.00	
	30.00	52.30	1	22.30		0.40	8.92	
	52.30	55.10	1	2.80		0.40	1.12	
	55.10	63.60	1	8.50		0.40	3.40	
	63.60	72.70	1	9.10		0.40	3.64	
	72.70	81.90	1	9.20		0.40	3.68	
	81.90	85.10	1	3.20		0.40	1.28	
	85.10	100.30	1	15.20		0.40	6.08	

Item No :-	Description of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
	100.30	108.80	1	8.50		0.40	3.40		
	Akshay Layout								
	Akshay Layout Enterance Road (RHS)								
From Veersagara main road	0.00	13.90	1	13.90		0.40	5.56		
	13.90	18.40	1	4.50		0.40	1.80		
	18.40	36.20	1	17.80		0.40	7.12		
	36.20	45.00	1	8.80				N/t	
	45.00	48.90	1	3.90		0.40	1.56		
	48.90	53.80	1	4.90				N/t	
	53.80	54.90	1	1.10		0.40	0.44		
	Akshaya layout Entrance L Shape road (LHS)								
From Veersagara main road	0.00	30.00	1	30.00		0.40	12.00		
	30.00	45.00	1	15.00		0.40	6.00		
	45.00	53.80	1	8.80				N/t	
	53.80	55.60	1	1.80		0.40	0.72		
	55.60	63.10	1	7.50				Culvert	
	63.10	80.60	1	17.50		0.40	7.00		
	Akshay Layout 1 st cross road (RHS)								
From Enterneces Gate	0.00	15.00	1	15.00		0.40	6.00		
	15.00	30.00	1	15.00		0.40	6.00		
	30.00	33.00	1	3.00		0.40	1.20		
	Akshaya layout 2nd A cross(RHS)								
From 2nd cross akshaya layout	0.00	15.00	1	15.00		0.40	6.00		
	15.00	17.00	1	2.00		0.40	0.80		
	Akshaya layout 2nd A cross(LHS)								
From 2nd cross akshaya layout	0.00	15.00	1	15.00		0.40	6.00		
	15.00	17.00	1	2.00		0.40	0.80		
	Dodda Bettahalli Village (Missing Kerb)								
	2nd Cross Road								
From School Side Main Road	0.00	10.00	1	10.00		0.40	4.00		
	10.00	30.00	1	20.00		0.40	8.00		
	30.00	44.00	1	14.00		0.40	5.60		
						Total Quantity Work Done	**261.08**	**Sqm**	
						Quantity Payable in this Bill Done	**261.08**	**39.61**	**10341.38**

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Measurement : 26.07.2022

Third and Final

Measurement Sheet

Item No :-	Description of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
28	KSRB 800-1.Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Page No.180 & Item No.24.1)							
	For New Kerb							
	Thirumalla Nagar							
	8th A Cross Road							
From Main Road	0.00	25.80	1	25.80		0.40	10.32	
	25.80	31.00	1	5.20		0.40	2.08	
	31.00	69.60	1	38.60		0.40	15.44	
	69.60	79.00	1	9.40		0.40	3.76	
	79.00	109.00	1	30.00		0.40	12.00	
	109.00	139.00	1	30.00		0.40	12.00	
	139.00	147.00	1	8.00		0.40	3.20	
	147.00	177.00	1	30.00		0.40	12.00	
	177.00	184.00	1	7.00		0.40	2.80	
	184.00	214.00	1	30.00		0.40	12.00	
	214.00	244.00	1	30.00		0.40	12.00	
	244.00	274.00	1	30.00		0.40	12.00	
	274.00	280.00	1	6.00		0.40	2.40	
	Ambabhavani Layout							
	12th Cross Road (RHS)							
From 11th Main Road	0.00	21.70	1	21.70		0.40	8.68	
	21.70	31.30	1	9.60				N/t
	31.30	57.00	1	25.70		0.40	10.28	
	12th Cross Road (LHS)							
From 11th Main Road	0.00	30.00	1	30.00		0.40	12.00	
	30.00	52.30	1	22.30		0.40	8.92	
	52.30	55.10	1	2.80		0.40	1.12	
	55.10	63.60	1	8.50		0.40	3.40	
	63.60	72.70	1	9.10		0.40	3.64	
	72.70	81.90	1	9.20		0.40	3.68	
	81.90	85.10	1	3.20		0.40	1.28	
	85.10	100.30	1	15.20		0.40	6.08	
	100.30	108.80	1	8.50		0.40	3.40	
	Akshay Layout							

Item No :-	Description of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
	Akshay Layout Enterance Road (RHS)								
From Veersagara main road	0.00	13.90	1	13.90		0.40	5.56		
	13.90	18.40	1	4.50		0.40	1.80		
	18.40	36.20	1	17.80		0.40	7.12		
	36.20	45.00	1	8.80				N/t	
	45.00	48.90	1	3.90		0.40	1.56		
	48.90	53.80	1	4.90				N/t	
	53.80	54.90	1	1.10		0.40	0.44		
	Akshaya layout Entrance L Shape road (LHS)								
From Veersagara main road	0.00	30.00	1	30.00		0.40	12.00		
	30.00	45.00	1	15.00		0.40	6.00		
	45.00	53.80	1	8.80				N/t	
	53.80	55.60	1	1.80		0.40	0.72		
	55.60	63.10	1	7.50				Culvert	
	63.10	80.60	1	17.50		0.40	7.00		
	Akshay Layout 1 st cross road (RHS)								
From Enterneces Gate	0.00	15.00	1	15.00		0.40	6.00		
	15.00	30.00	1	15.00		0.40	6.00		
	30.00	33.00	1	3.00		0.40	1.20		
	Akshaya layout 2nd A cross(RHS)								
From 2nd cross akshaya layout	0.00	15.00	1	15.00		0.40	6.00		
	15.00	17.00	1	2.00		0.40	0.80		
	Akshaya layout 2nd A cross(LHS)								
From 2nd cross akshaya layout	0.00	15.00	1	15.00		0.40	6.00		
	15.00	17.00	1	2.00		0.40	0.80		
	Dodda Bettahalli Village (Missing Kerb)								
	2nd Cross Road								
From School Side Main Road	0.00	10.00	1	10.00		0.40	4.00		
	10.00	30.00	1	20.00		0.40	8.00		
	30.00	44.00	1	14.00		0.40	5.60		
	Total Quantity Work Done						261.08	Sqm	
	Quantity Payable in this Bill Done						261.08	85.65	22361.50

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Pre-Measurement : 27.06.2022

Third and Final

Pre-Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
29	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (P.No.185 I.No.24.15)									
	For Asphalt									
	Ambabhavani Temple Main Road									
	Sambhram Collage Road									
Bellmouth	0.00	6.00	3	6.00			0.10	1.80		
From Arch Road Enterance	0.00	30.00	3	30.00			0.10	9.00		
	30.00	60.00	3	30.00			0.10	9.00		
	60.00	90.00	3	30.00			0.10	9.00		
	90.00	120.00	3	30.00			0.10	9.00		
Collage Front	120.00	150.00	3	30.00			0.10	9.00		
	150.00	180.00	3	30.00			0.10	9.00		
	180.00	210.00	3	30.00			0.10	9.00		
	210.00	240.00	3	30.00			0.10	9.00		
Apparatment	240.00	270.00	3	30.00			0.10	9.00		
	270.00	300.00	3	30.00			0.10	9.00		
	300.00	330.00	3	30.00			0.10	9.00		
	330.00	360.00	3	30.00			0.10	9.00		
	360.00	390.00	3	30.00			0.10	9.00		
	390.00	420.00	3	30.00			0.10	9.00		
	420.00	450.00	3	30.00			0.10	9.00		
	450.00	480.00	3	30.00			0.10	9.00		
	480.00	510.00	3	30.00			0.10	9.00		
Bike Garage	510.00	540.00	3	30.00			0.10	9.00		
	540.00	570.00	3	30.00			0.10	9.00		
	570.00	600.00	3	30.00			0.10	9.00		
	600.00	630.00	3	30.00			0.10	9.00		
	630.00	660.00	3	30.00			0.10	9.00		
	660.00	690.00	3	30.00			0.10	9.00		
Doddabettahall i Main Road	690.00	720.00	3	30.00			0.10	9.00		
	720.00	750.00	3	30.00			0.10	9.00		
	750.00	780.00	3	30.00			0.10	9.00		
	780.00	810.00	3	30.00			0.10	9.00		
	810.00	840.00	3	30.00			0.10	9.00		
	840.00	870.00	3	30.00			0.10	9.00		
	870.00	900.00	3	30.00			0.10	9.00		
	900.00	930.00	3	30.00			0.10	9.00		
	930.00	960.00	3	30.00			0.10	9.00		
Temple Front	960.00	990.00	3	30.00			0.10	9.00		

Item No -	Description of Item		No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
	990.00	1020.00	3	30.00			0.10		9.00		
	1020.00	1050.00	3	30.00			0.10		9.00		
School Front	1050.00	1080.00	3	30.00			0.10		9.00		
	1080.00	1110.00	3	30.00			0.10		9.00		
	1110.00	1140.00	3	30.00			0.10		9.00		
	1140.00	1170.00	3	30.00			0.10		9.00		
	1170.00	1200.00	3	30.00			0.10		9.00		
	1200.00	1230.00	3	30.00			0.10		9.00		
	1230.00	1260.00	3	30.00			0.10		9.00		
	1260.00	1290.00	3	30.00			0.10		9.00		
	1290.00	1320.00	3	30.00			0.10		9.00		
	1320.00	1350.00	3	30.00			0.10		9.00		
Culvert End	1350.00	1354.00	3	4.00			0.10		1.20		
	Lotus Form (Ananthpura Main Road)										
	1st Main Road										
From	0.00	2.00	2	2.00			0.10		0.40	Bellmouth	
Raghavendra Medicals	2.00	30.00	2	28.00			0.10		5.60		
	30.00	60.00	2	30.00			0.10		6.00		
	60.00	90.00	2	30.00			0.10		6.00		
	90.00	100.00	2	10.00			0.10		2.00		
	100.00	107.50	2	7.50			0.10		1.50		
								Total Quantity Work Done	429.50	Sqm	
								Quantity Payable in this Bill Done	429.50	459.29	197265.06

Contractor

Assistant Engineer

Asst, Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Date of Measurement : 27.06.2022

Third and Final

Measurement Sheet

Item No :-	Description of Item	No	Length	B1	B2	Breadth	Depth	Qty	Rate	Amount
Eirl-01	Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. KSRB 14.6-1 : -d o - heavy duty cobble stones 75mm thick (14.6.2/103)									
	For Footpath									
	Doddabettahalli School Building									
	School Front									
		1	15.00	10.30	10.50	10.40		156.00		
		1	15.00	10.50	10.30	10.40		156.00		
		1	3.90	9.40	10.40	9.90		38.61		
							Total Quantity Work Done	350.61	Cum	
							Quantity Payable in this Bill Done	350.61	1188.37	416654.41

Contractor

Assistant Engineer

Asst, Executive Engineer